```
                    METHOD CONTROL PARAMETERS
                    --------------------------------

Method Information For: C:\MSDCHEM\1\METHODS\TFMPP.M
Method Sections To Run:

   ( ) Save Copy of Method With Data
   ( ) Instrument Control  Pre-Run Cmd/Macro  =
   ( ) Data Analysis        Pre-Run Cmd/Macro  =
   (X) Data Acquisition
   (X) Data Analysis
   ( ) Instrument Control  Post-Run Cmd/Macro =
   ( ) Data Analysis        Post-Run Cmd/Macro =
Method Comments:


                 END OF METHOD CONTROL PARAMETERS
                 ------------------------------------
```

Base Conversion → 2 methods

① Add sodium Hydroxide to partial tablet in tube.
   Soak overnight. Then extract with hexane

or

② Add drop of conc Ammonium Hydroxide to partial
   tablet in a vial (tube) and then add petroleum ether

* HP-1ms gives best results (@ 25m X 0.2mm X 0.33mm)

* HP-5ms gives okay separation (~~0.20~~ 30m X 0.25mm X 0.33m)

ASD
11-17-10

```
C:\MSDCHEM\1\METHODS\TFMPP.M
    Wed Nov 17 11:34:14 2010
```

Control Information
------- -----------


```
Sample Inlet        :  GC
Injection Source    :  GC ALS
Mass Spectrometer   :  Enabled
```

===
                            6890 GC METHOD
===

OVEN
```
    Initial temp:  120 'C (On)          Maximum temp:  325 'C
    Initial time:  2.50 min             Equilibration time:  0.25 min
    Ramps:
        #  Rate   Final temp   Final time
        1 10.00      280          0.00
        2   0.0(Off)
    Post temp:  0 'C
    Post time:  0.00 min
    Run time:  18.50 min
```


FRONT INLET (SPLIT/SPLITLESS)   BACK INLET (UNKNOWN)
```
    Mode:  Split
    Initial temp:  250 'C (On)
    Pressure:  11.61 psi (On)
    Split ratio:  40:1
    Split flow:  39.9 mL/min
    Total flow:  43.5 mL/min
    Gas saver:  On
    Saver flow:  20.0 mL/min
    Saver time:  2.00 min
    Gas type:  Helium
```


COLUMN 1   COLUMN 2
```
    Capillary Column                       (not installed)
    Model Number:  Agilent 19091S-433
    HP-5MS  5% Phenyl Methyl Siloxane
    Max temperature:  325 'C
    Nominal length:  30.0 m
    Nominal diameter:  250.00 um
    Nominal film thickness:  0.25 um
    Mode:  constant flow
    Initial flow:  1.0 mL/min
    Nominal init pressure:  11.61 psi
    Average velocity:  38 cm/sec
    Inlet:  Front Inlet
    Outlet:  MSD
    Outlet pressure:  vacuum
```


FRONT DETECTOR (NO DET)   BACK DETECTOR (NO DET)

SIGNAL 1   SIGNAL 2
```
    Data rate:  20 Hz                      Data rate:  20 Hz
    Type:  test plot                       Type:  test plot
    Save Data:  Off                        Save Data:  Off
    Zero:  0.0 (Off)                       Zero:  0.0 (Off)
```

```
   Range:  0                          Range:  0
   Fast Peaks:  Off                   Fast Peaks:  Off
   Attenuation:  0                    Attenuation:  0


COLUMN COMP 1                   COLUMN COMP 2
   (No Detectors Installed)        (No Detectors Installed)


THERMAL AUX 2
   Use:  MSD Transfer Line Heater
   Description:
   Initial temp:  295 'C (On)
   Initial time:  0.00 min
      #  Rate  Final temp  Final time
      1   0.0(Off)



                          POST RUN
                             Post Time: 0.00 min


TIME TABLE
      Time          Specifier              Parameter & Setpoint




                      GC Injector


      Front Injector:
          Sample Washes              3
          Sample Pumps               3
          Injection Volume           1.00 microliters
          Syringe Size               10.0 microliters
          PreInj Solvent A Washes    1
          PreInj Solvent B Washes    1
          PostInj Solvent A Washes   1
          PostInj Solvent B Washes   1
          Viscosity Delay            0 seconds
          Plunger Speed              Fast
          PreInjection Dwell         0.00 minutes
          PostInjection Dwell        0.00 minutes


      Back Injector:
No parameters specified

   Column 1 Inventory Number : AB001
   Column 2 Inventory Number :

                  MS ACQUISITION PARAMETERS


General Information
------- -----------

Tune File              : stune.u
Acquistion Mode        : Scan


MS Information
-- -----------

Solvent Delay          : 1.50 min

EM Absolute            : False
EM Offset              : 0
Resulting EM Voltage   : 1423.5

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```

[Scan Parameters]

```
Low Mass              : 25.0
High Mass             : 500.0
Threshold             : 200
Sample #              : 2          A/D Samples    4
Plot 2 low mass       : 40.0
Plot 2 high mass      : 500.0
```

[MSZones]

```
MS Source             : 230 C     maximum 250 C
MS Quad               : 150 C     maximum 200 C
```

END OF MS ACQUISITION PARAMETERS

TUNE PARAMETERS for SN: US65125812

Trace Ion Detection is OFF.

```
EMISSION      :      34.610
ENERGY        :      69.922
REPELLER      :      19.904
IONFOCUS      :      64.533
ENTRANCE_LE   :       0.000
EMVOLTS       :    1423.529
AMUGAIN       :    1646.000
AMUOFFSET     :     129.438
FILAMENT      :       2.000
DCPOLARITY    :       0.000
ENTLENSOFFS   :      14.557@  3     14.557@ 50     9.788@ 69     10.541@131     10.541@219     13.051@
414     13.302@502      13.302@1049
MASSGAIN      :    -797.000
MASSOFFSET    :     -39.000
```

END OF TUNE PARAMETERS

END OF INSTRUMENT CONTROL PARAMETERS

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DATA ANALYSIS PARAMETERS

Method Name: C:\MSDCHEM\1\METHODS\TFMPP.M

Percent Report Settings

Sort By: Retention Time

Output Destination
    Screen: No
    Printer: Yes
    File: No

Integration Events: Meth Default

Generate Report During Run Method: No

Signal Correlation Window: 0.020

Qualitative Report Settings

Peak Location of Unknown: Apex minus Start of Peak

Library to Search   Minimum Quality
C:\Database\SLI.L   80
C:\Database\NIST05a.L   75
C:\Database\PMW_TOX2.L

Integration Events: Meth Default

Report Type: Summary

Output Destination
    Screen: No
    Printer: Yes
    File: No

Generate Report During Run Method: No

Quantitative Report Settings

Report Type: Summary

Output Destination
    Screen: Yes
    Printer: No
    File: No

Generate Report During Run Method: No

Calibration Last Updated: Mon Dec 17 08:44:05 2007

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Reference Window: 10.00 Percent
Non-Reference Window: 5.00 Percent
Correlation Window: 0.02 minutes
Default Multiplier: 1.00
Default Sample Concentration: 0.00

Compound Information

----
 1) mass 284   ( )

Ret. Time 7.280 min., Extract & Integrate from 6.780 to 7.780 min.

Signal   Rel Resp.   Pct. Unc.(rel)   Integration
Tgt 283.90   *** METH DEFAULT ***

Lvl ID   Conc ( ) Response
3   1.000   -1
4   10.000   -1
5   100.000   -1
2   0.100   -1

Qualifier Peak Analysis ON
Curve Fit: Avg. RF
----
 2) mass 283   ( )

Ret. Time 7.280 min., Extract & Integrate from 6.780 to 7.780 min.

Signal   Rel Resp.   Pct. Unc.(rel)   Integration
Tgt 283.90   *** METH DEFAULT ***

Lvl ID   Conc ( ) Response
3   1.000   -1
4   10.000   -1
5   100.000   -1
2   0.100   -1

Qualifier Peak Analysis ON
Curve Fit: Avg. RF
----
 3) mass 247   ( )

Ret. Time 7.280 min., Extract & Integrate from 6.780 to 7.780 min.

Signal   Rel Resp.   Pct. Unc.(rel)   Integration
Tgt 246.90   *** METH DEFAULT ***

Lvl ID   Conc ( ) Response
3   1.000   -1
4   10.000   -1
5   100.000   -1
2   0.100   -1

Qualifier Peak Analysis ON
Curve Fit: Avg. RF
----
 4) mass 212   ( )

Ret. Time 7.280 min., Extract & Integrate from 6.780 to 7.780 min.

Signal   Rel Resp.   Pct. Unc.(rel)   Integration
Tgt 212.00   *** METH DEFAULT ***

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```
Lvl ID   Conc ( )  Response
3           1.000       -1
4          10.000       -1
5         100.000       -1
2           0.100       -1

Qualifier Peak Analysis ON
Curve Fit: Avg. RF
-----------------------------------------------------------------------------



                    END OF DATA ANALYSIS PARAMETERS
                    -------------------------------

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```